PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Application Number 10/625,276 Filing Date July 23, 2003 INFORMATION DISCLOSURE First Named Inventor Perego STATEMENT BY APPLICANT Art Unit 2188 Examiner Name Verbrugge, K. (Use as many sheets as necessary) Attorney Docket Number RAMB-01049US1

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (8 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
W.		<sup>US-</sup> 5742840	04-21-1998	Hansen et al.	
W		<sup>US-</sup> 5748872	05-05-1998	Norman	
W.		<sup>US-</sup> 5860080	01-12-1999	James et al.	
		<sup>US-</sup> 5867422	02-02-1999	John	
W,		<sup>US-</sup> 5898863	04-27-1999	Ofer et al.	
$W_{\cdot}$		<sup>US-</sup> 6006318	12-21-1999	Hansen et al.	
W.		<sup>US-</sup> 6034878	03-07-2000	Osaka et al.	
W.		<sup>US-</sup> 6038682	03-14-2000	Norman	
MV.		<sup>US-</sup> 6092229	07-18-2000	Boyle et al.	•
W		<sup>US-</sup> 6125419	09-26-2000	Umemura et al.	
$\mathcal{W}$		<sup>US-</sup> 6151648	11-21-2000	Haq	
$YV_{\ell}$		<sup>US-</sup> 6154826	11-28-2000	Wulf et al.	
W.		<sup>US-</sup> 6160423	12-12-2000	Haq	
W.		<sup>US-</sup> 6255859	07-03-2001	Haq	
W.		US-6263413	07-17-2001	Motomura et al.	
W,		<sup>US-</sup> 6327205	12-04-2001	Haq	
Y.N.		<sup>US-</sup> 6408402	06-18-2002	Norman	
TV		<sup>US-</sup> 6487102	11-26-2002	Halbert et al.	

	FOREIGN PATENT DOCUMENTS										
Examiner Cite No.1		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages						
	, TO.	Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known)	WINDO-1111	Applicant of Cited Document	or Relevant Figures Appear						
		**************************************		h > 1001 00 00 00 00 00 100 00 111 N 101 000 00 111 111	***************************************						
>		***************************************	······································	per tres ere per um per pres del todo à conseque a con passado a mádia más es pa		Ħ					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************			***************************************	Ħ					

Examiner Date Signature

\*EXAMINER: Initial if reference considered, whether or not custion is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication of applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 90 64. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A	•	to respond to a collection of information unless it contains a valid OMB control number.  Complete if Known			
		Application Number	10/625,276		
INFORMATI	ON DISCLOSURE	Filing Date	July 23, 2003		
	T BY APPLICANT	First Named Inventor	Perego		
OIAIEMEN	I DI AII LIOANI	Art Unit	2188		
(Use as mar	ry sheets as necessary)	Examiner Name	Verbrugge, K.		
Sheet 2	of 4	Attorney Docket Number	RAMB-01049US1		

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
/ /	NO.	Number-Kind Code <sup>2 (* known)</sup>	WINFOG-1111	Applicant of Cited Document	Figures Appear
W.		<sup>US-</sup> 6502161	12-31-2002	Perego et al.	
'W,		<sup>US-</sup> 6513080	01-28-2003	Haq	
'W,		<sup>US-</sup> 6154855	11-28-2000	Norman	
W,		<sup>US-</sup> 6345321	02-05-2002	Litaize et al.	
W,		<sup>US-</sup> 6369605	04-09-2002	Bonella et al.	
'W		<sup>US-</sup> 6449213	09-10-2002	Dodd et a.	
W		<sup>US</sup> -6625687	09-23-2003	Halbert et al.	
		US-			
		US-			-
		US-			
		US→			
		US-			

	FOREIGN PATENT DOCUMENTS										
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,						
Initials*	No. <sup>1</sup>	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	16					
***************************************											
***************************************											
***************************************											
			······································								
		0									

					/ /
Examiner Signature	Tevi	//ar	Loox	Date Considered	5/2/05

EXAMINER: Initial if reference considered, whether or not disafon is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Traislation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTC/SB/08b (08-03)
Approved for use through 06/30/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	_		
ubstitute for form 1449B/PTO	Complete If Known		
	Application Number	10/625,276	
INFORMATION DISCLOSURE	Filing Date	July 23, 2003	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

STATEMENT BY APPLICANT First Named Inventor Perego Art Unit 2188 (Use as many sheets as necessary) Examiner Name Verbrugge, K. Attorney Docket Number Sheet 4 **RAMB-01049US1** 

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	". I — magazina iaumal parial gumposium estalog ate) data para(s) voluma iccua gumbar(s) publichas						
$ \mathcal{W} $		*U.S. Patent Application Serial No. 10/713,868, filed 11-14-2003 by Pete D. Vogt						
W		*U.S. Patent Application Serial No. 10/714,025, filed 11-14-2003 by Pete D. Vogt						
W		*U.S. Patent Application Serial No. 10/714,028, filed 11-14-2003 by Pete D. Vogt	***************************************					
W		*U.S. Patent Application Serial No. 10/883,474, filed 06-30-2004 by Pete D. Vogt						
W	······································	*U.S. Patent Application Serial No. 10/882,999, filed 06-30-2004 by Pete D. Vogt						
W		*U.S. Patent Application Serial No. 10/859,438, filed 05-31-2004 by Pete D. Vogt						
W		*U.S. Patent Application Serial No. 10/858,850, filed 05-31-2004 by Pete D. Vogt						
W		*U.S. Patent Application Serial No. 10/859,060, filed 05-31-2004 by Pete D. Vogt						
W		NG, R. (Sun Microsystems Inc.), "Fast computer memories", IEEE Spectum, October 1992, pp. 36-39						
		SALTERS, R.H.W. (Philips Research Laboratories), "Fest DRAMS for sharper TV", IEEE Spectrum, October 1992, pp. 40-42	***************************************					

		$\sim$ $\sim$		
Examiner Signature	Nevin	Verley	Date Considered	5/2/05

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is injusticomance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup>Please note that the copies of these references enclosed herewith were obtained from the file history for U.S. Patent Application Serial No. 10/456,353. Applicants' attorney assumes that they are the correct copies.

PTO/SB/08b (08-03)
Approved for use through 06/30/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

S	ubstitute f	or form 1449B/PTO			Complete If Known		
					Application Number	10/625,276	
ı	INFO	RMATION	DISCLO	SURE	Filing Date	July 23, 2003	
,	STAT	<b>TEMENT</b>	BY APPL	ICANT	First Named Inventor	Perego	
					Art Unit	2188	
		(Use es many she	eets as necessar	y)	Examiner Name	Verbrugge, K.	
	Sheet	4	of	4	Attorney Docket Number	RAMB-01049US1	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Ţ²			
W		JONES, F (United Memories, Inc.), "A new era of fast dynamic RAMs", IEEE Spectrum, October 1992, pp. 43-49				
W		FARMWALD, M. et al. (Rambus Inc.), "A fast path to one memory", IEEE Spectrum, October 1992, pp. 50-51				
W	••••	GJESSING, S. (University of Oslo), GUSTAVSON, D.B (Stanford Linear Accelerator Center), JAMES, D. et al. (Apple Computer Inc.), WIGGER, H. (Hewlett-Packard Co.), "A RAM link for high speed", IEEE Spectrum, October 1992, pp. 52-53				
W		The Institute of Electrical and Electronics Engineering , Inc., "IEEE Standard for High-Bandwidth Memory Interface Based on Scalable Coherent Interface (SCI) Signaling Technology (RamLink)", 1996, pp. 1-91				
h Ma 4 1 <del>744 ( 744 ( 144</del> 144 144 144 144 144 144 144 144 14						
- to						
	) - TV as made set? M					
	······		· • · · · · · · · · · · · · · · · · · ·			
·····		·				
	L		Ц			

F	1/2:1			
Examiner - Signature	levi Verge	Date Considered	5/2	105

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to explicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.